

Name: _____ Class: _____ Date: _____

Algebra II GHP

Practice 6-2A: Solving Equations by Factoring (1) E.P.

Solve each of the following quadratic equations by factoring.

1. $x^2 + 6x + 8 = 0$

2. $x^2 + 18 = 9x$

3. $2x^2 - x = 3$

4. $x^2 - 4x = 0$

5. $x^2 + 2x = 15$

6. $2x^2 + x - 28 = 0$

7. $x^2 + 2x = 20 - 6x$

8. $x^2 + 11x + 10 = 0$

9. $4x^2 + 4x = 3$

10. $3x^2 + 7x - 20 = 0$

11. $8x = 16 - 3x^2$

12. $3x^2 + 31x + 36 = 0$